

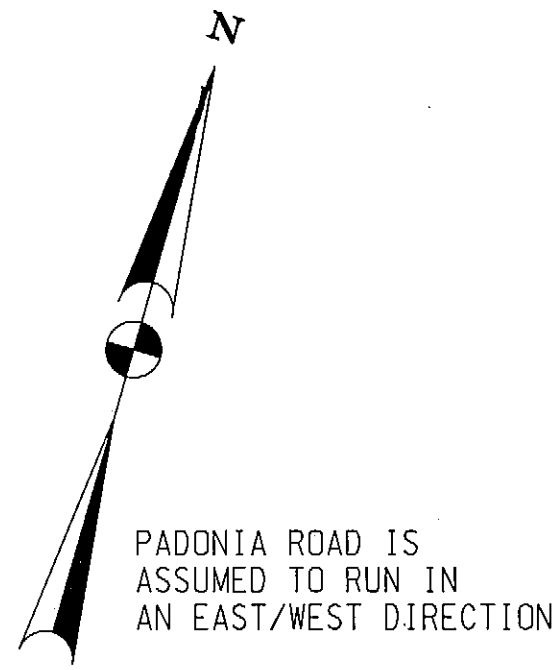
DRILL HOLES

DRILL HOLES

DRILL HOLES

BY: Aaron Hottenstein Division: P068 Highway Traff GMA Emp

BORDER REV: DATE: 12/20/007



CONSTRUCTION DETAILS

- A. REMOVE EXISTING SIZE '6' BASE MOUNTED CABINET AND INSTALL PROPOSED SIZE 'S' BASE MOUNTED CABINET WITH UPS EQUIPMENT ON EXISTING FOUNDATION.  
B. REPLACE ALL (7) EXISTING TRAFFIC SIGNAL HEADS WITH PROPOSED 12 INCH 3-SECTION TRAFFIC SIGNAL HEADS. CONNECT TO EXISTING WIRING.

EQUIPMENT LIST

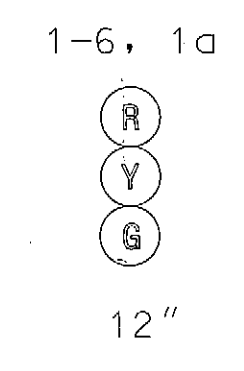
A. EQUIPMENT TO BE SUPPLIED BY S.H.A

ITEM NO.	QUANTITY	DESCRIPTION
9104	1 EACH	CONTROLLER CABINET, SIZE "S" WITH CONTROLLER, VIDEO INTERFACE EQUIPMENT 1-8 CAMERAS
9110	1 EACH	UPS EQUIPMENT FOR "S" CABINET

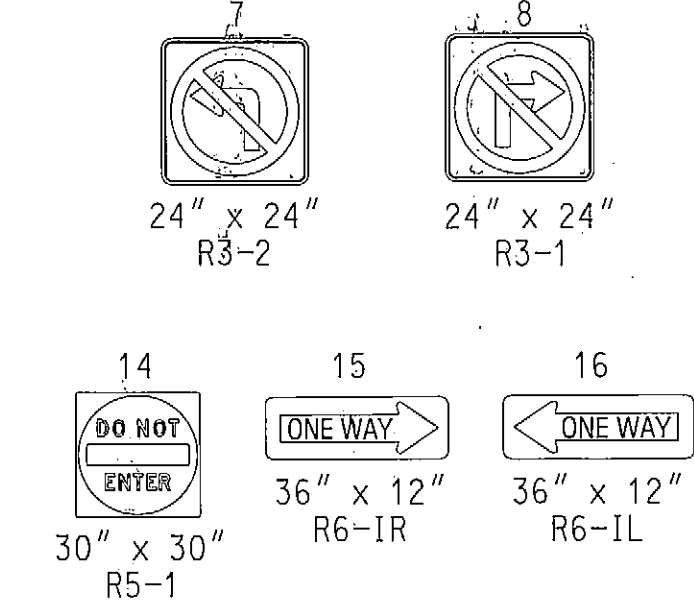
B. EQUIPMENT TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EACH	MAINTENANCE OF TRAFFIC
8001	21 EACH	12 INCH LED SIGNAL HEAD SECTION
8014	1 EACH	INSTALL CONTROLLER AND CABINET - BASE MOUNT
8024	1 EACH	REMOVE & DISPOSE OF MATERIAL AND EQUIPMENT (PER ASSIGNMENT)
8065	1 EACH	INTERSECTION POLICE CONTROL

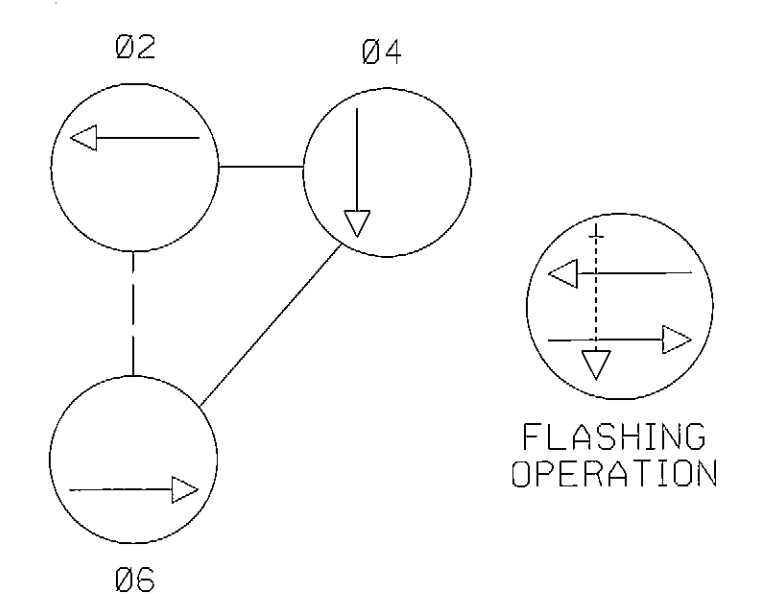
EXISTING SIGNALS



EXISTING SIGNS

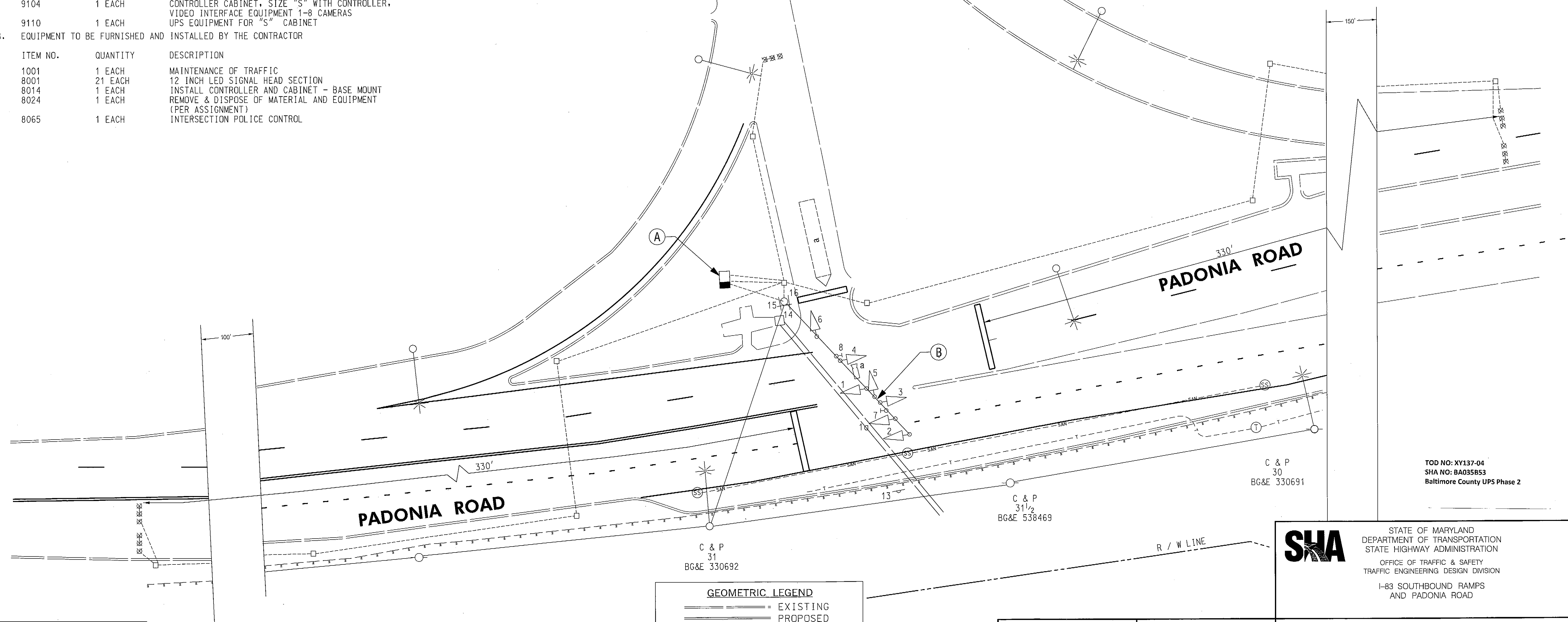


NEMA PHASING



NEMA PHASING NOTES:

1. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.  
2. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.



GEOMETRIC LEGEND	
---	EXISTING
---	PROPOSED
UTILITY LEGEND	
—SD—	STORM DRAIN
—G—	GAS MAIN
—W—	WATER MAIN
—S—	SEWER MAIN
—E—	ELECTRIC CABLES
—A—	AERIAL CABLES
—T—	TELEPHONE CABLES
—F—	FIBER-OPTIC

TRAFFIC SIGNALIZATION PLAN	
APPROVALS	REVISIONS
TEAM LEADER	
ASST. DIV. CHIEF	
DIVISION CHIEF	
OFFICE DIRECTOR	
DESIGNED BY: R. MELLO	
DRAWN BY: M. WOLNIK	
CHECKED BY: M. WOLNIK	
F.A.P. NO.	
TS NO. 3770B	
DRAWING SG-1 OF 1	
SHEET NO. 1 OF 1	

**KCI TECHNOLOGIES**  
ENGINEERS  
PLANNERS  
SCIENTISTS  
CONSTRUCTION MANAGERS  
936 RIDGEBROOK ROAD  
SHARPS, MARYLAND 21152  
TELEPHONE: (410) 316-7800  
FAX: (410) 316-7818

**SHA** STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION  
I-83 SOUTHBOUND RAMP  
AND PADONIA ROAD

PLOTTED: 10:08 AM on Wednesday, March 27, 2013  
FILE: M:\2009\01090019.79\Drawings\PSG-001\_South-83Ramp@PadoniaRoad.dgn